










# GUIDE RINGS OVERVIEW



MATERIAL CODE	PR6501	PH6501	PH6502	PR6502	PH6504	PM9901	PM9902	PT6002	PT6003
DESCRIPTION	Synthetic Fabric Polyester Resin + PTFE	Synthetic Fabric Phenolic Resin + PTFE	Polyester Fabric Phenolic Resin	Cotton Fabric Phenolic Resin	Aramid Fabric Phenolic Resin +Graphite	POM	Glass Reinforced POM	Carbon Filled PTFE	Bronze Filled PTFE
									
KASTAŞ CODE	K73	K75	K76	K72	K78	K70	K68	KKT	KBT
	KPB		KSB				K69		
Specific Gravity	1.21 g/cm <sup>3</sup>	1.2 g/cm <sup>3</sup>	1.15 g/cm <sup>3</sup>	1.3 g/cm <sup>3</sup>	1.4 g/cm <sup>3</sup>	1.42 g/cm <sup>3</sup>	1.59 g/cm <sup>3</sup>	2.1 g/cm <sup>3</sup>	3.1 g/cm <sup>3</sup>
Hardness	98 Rockwell M	95 Rockwell M	95 Rockwell M	96 Rockwell M	115 Rockwell M	80 Rockwell M	85 Rockwell M	65 Shore D	58 Shore D
Tensile Strength	50 N/mm <sup>2</sup>	45 N/mm <sup>2</sup>	45 N/mm <sup>2</sup>	51 N/mm <sup>2</sup>	50 N/mm <sup>2</sup>	73 N/mm <sup>2</sup>	128 N/mm <sup>2</sup>	19 N/mm <sup>2</sup>	20 N/mm <sup>2</sup>
Compressive Strength	330 N/mm <sup>2</sup>	345 N/mm <sup>2</sup>	270 N/mm <sup>2</sup>	275 N/mm <sup>2</sup>	344 N/mm <sup>2</sup>	30 N/mm <sup>2</sup>	40N/mm <sup>2</sup>	25 N/mm <sup>2</sup>	25 N/mm <sup>2</sup>
Water Absorbtion	< 0.1 %	< 0.1 %	< 0.16 %	< 1 %	< 0.1 %	< 0.26 %	< 0.26 %	< 0.1 %	< 0.1 %
Coefficient of Friction	0.12-0.15 μ	0.12-0.15 μ	0.15-0.2 μ	0.12 μ	0.13-0.17 μ	0.1 μ	0.1 μ	0.08 μ	0.15-0.25 μ
Temperature Range	-40 /+120 °C	-40 / +130 °C	-40 / +120 °C	-40 / +120 °C	-40 /+200 °C	-40 / +100 °C	-40 / +100 °C	-200 / +200 °C	-200 / +200 °C
Sliding Speed (max)	1 m/s	1 m/s	1 m/s	1 m/s	5 m/s	1 m/s	1 m/s	15 m/s	15 m/s

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